

COVID-19 Cases Among Children and Youth in Washington

Washington State Department of Health

January 18, 2023



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The purpose of this report is to provide information on COVID-19 in all children and youth, ages 0 to 19 years, in Washington state. Children and youth across Washington continue to be affected by the COVID-19 pandemic. While schools are taking precautions to prevent the spread of the virus, understanding the burden of the disease among all children and youth can help communities, educational service districts (ESD), school districts, and schools better prepare and respond to shifting needs. This report describes cases among all children and youth in Washington and are broken down by ESD regions, and age. An ESD is a regional education unit that is made up of multiple school districts. State level hospitalization and death data are also provided.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn.

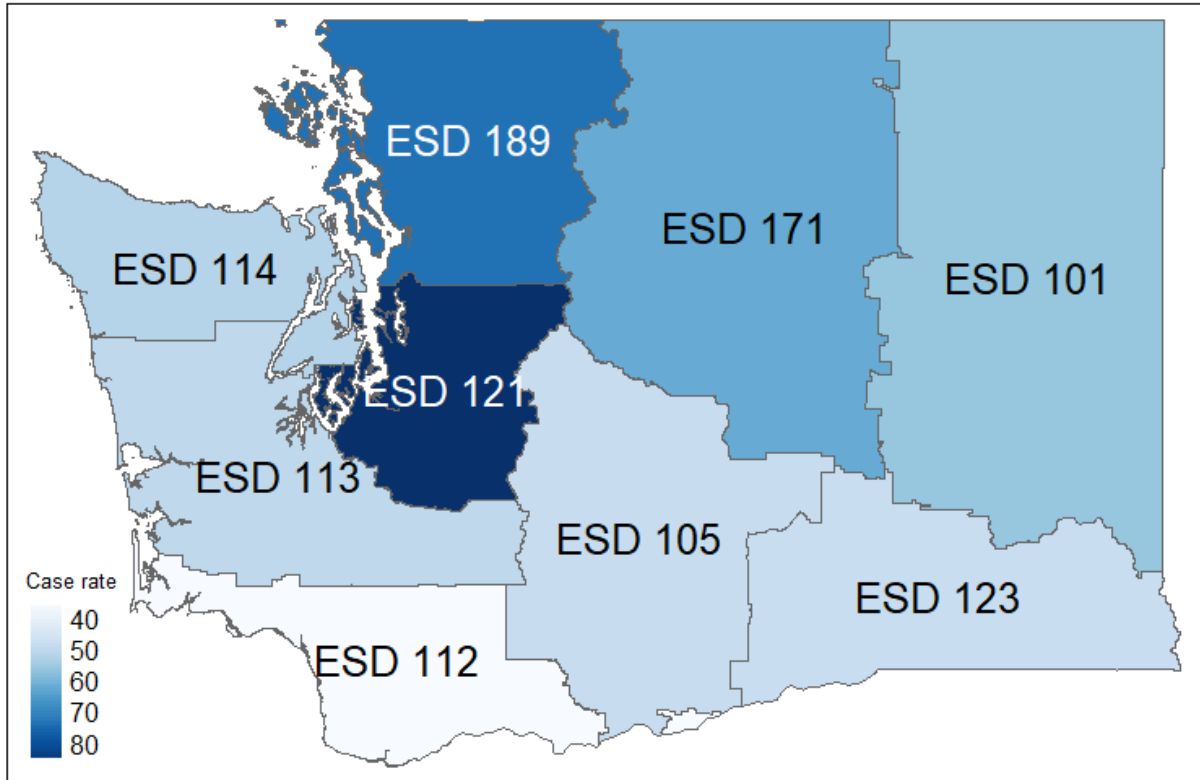
Key findings

- Among children and youth in Washington state from December 24, 2022 to January 07, 2023:
 - there were 1,290 cases (68.4 cases per 100,000 population)
 - case rates are stable
 - the highest case rates were in ESD 121 Washington
 - 0-3 year-olds had the highest case rates (156.6 cases per 100,000 population)
 - there were 36 hospitalizations (1.9 hospitalizations per 100,000 population)
 - hospitalization rates are decreasing
- There have been a total of 12 deaths in all children and youth in Washington state reported January 1, 2021 to Jan 07, 2023

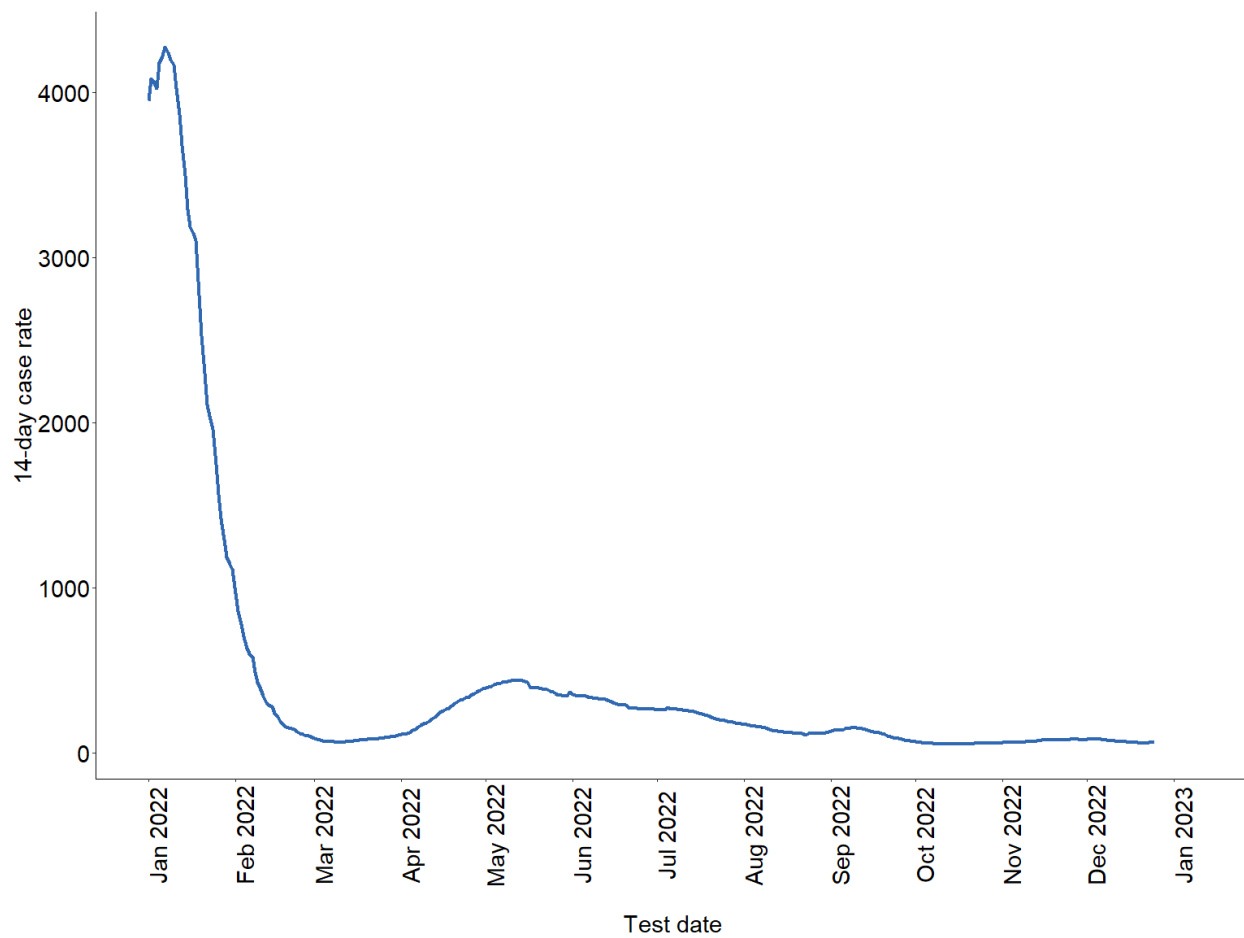
Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region, December 24, 2022 - January 07, 2023

ESD	Population	Case count	Case rate
ESD 101	168,583	95	56.4
ESD 105	105,235	51	48.5
ESD 112	162,085	59	36.4
ESD 113	119,629	60	50.2
ESD 114	78,966	41	51.9
ESD 121	769,804	668	86.8
ESD 123	120,595	58	48.1
ESD 171	67,904	42	61.9
ESD 189	292,760	216	73.8
State total	1,885,561	1,290	68.4

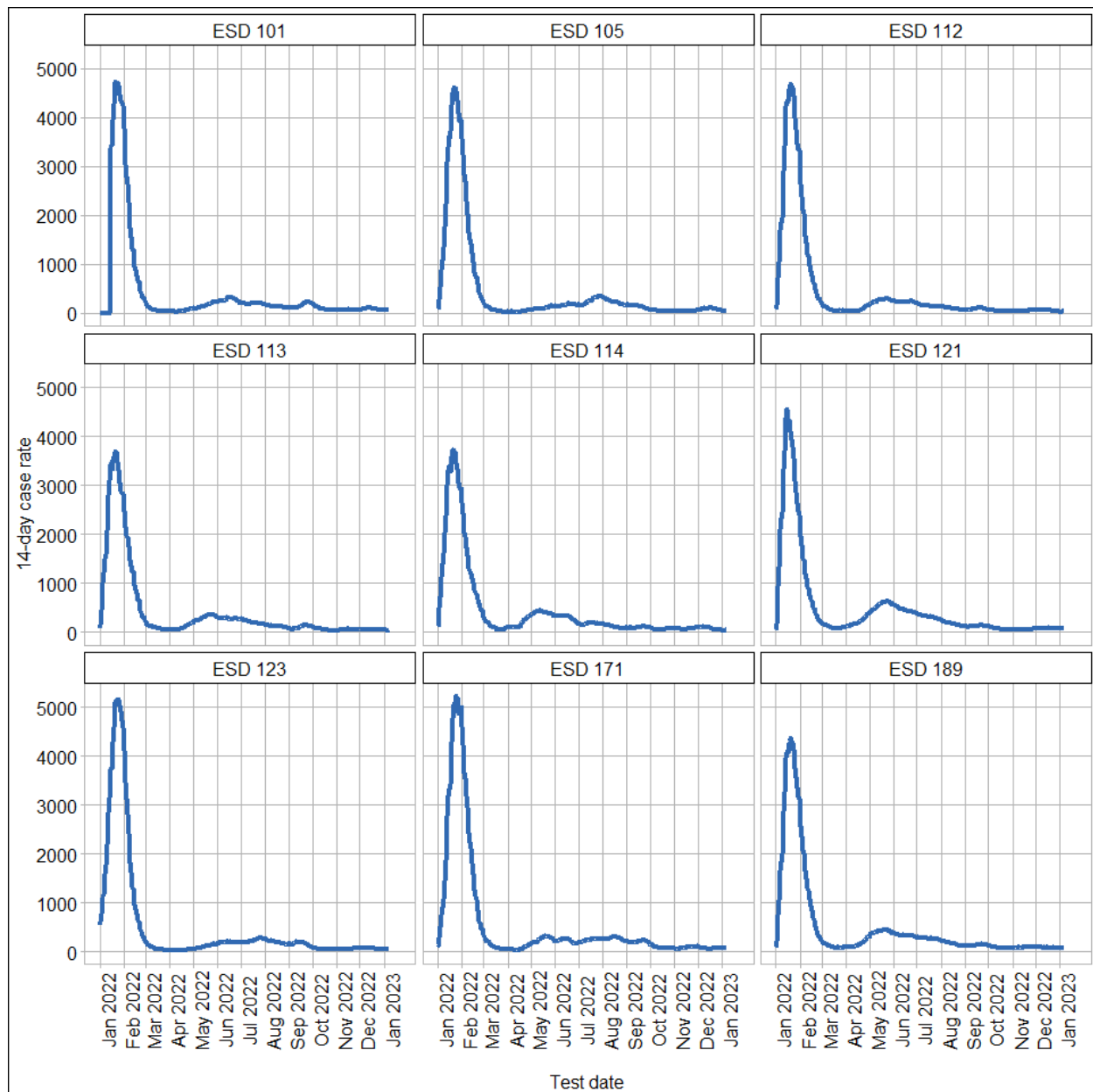
COVID-19 case rate per 100,000 population in all children and youth by ESD region, December 24, 2022 to January 07, 2023



14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Jan 07, 2023



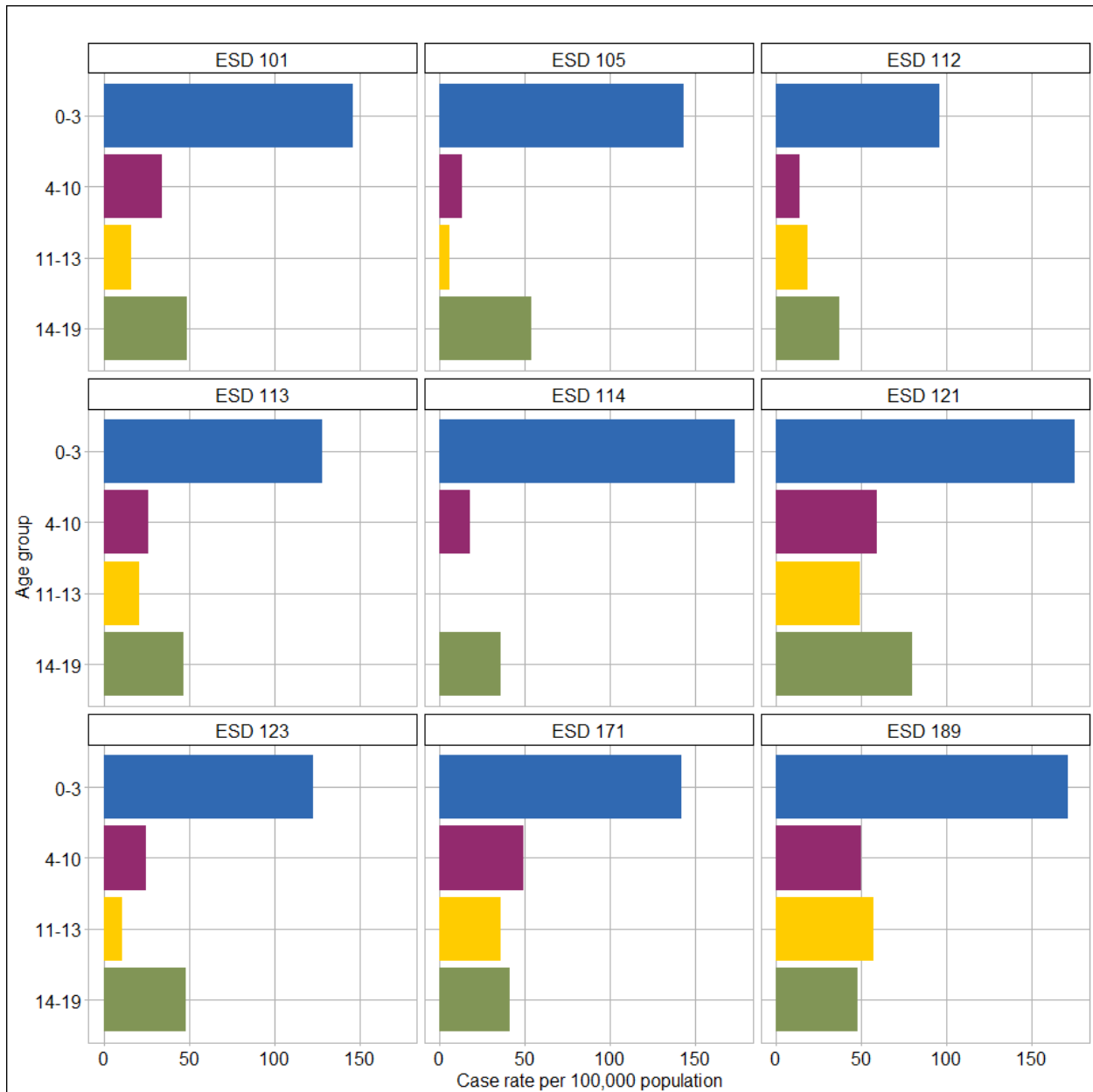
14-day COVID-19 case rate per 100,000 population in all children and youth in Washington state by ESD region, January 1, 2021 to Jan 07, 2023



Number of COVID-19 cases and case rate per 100,000 population in all children and youth by ESD region and age group, December 24, 2022 - January 07, 2023

	0-3 year-olds (preschool)		4-10 year-olds (elementary school)		11-13 year-olds (middle school)		14-19 year-olds (high school)	
ESD	Case count	Case rate	Case count	Case rate	Case count	Case rate	Case count	Case rate
ESD 101	43	146.0	19	34.2	4	16.2	29	49.2
ESD 105	28	142.6	5	13.3	1	6.1	17	53.8
ESD 112	28	96.1	8	13.8	5	18.8	18	37.1
ESD 113	28	127.9	11	26.2	4	20.8	17	46.6
ESD 114	28	173.1	5	17.7	0	0	8	35.7
ESD 121	268	175.0	163	59.1	57	48.8	180	80.2
ESD 123	28	123.4	11	25.5	2	10.5	17	47.7
ESD 171	18	142.5	12	48.7	4	36.2	8	40.9
ESD 189	96	171.1	52	50.1	26	56.9	42	48.2
State total	565	156.6	286	42.8	103	35.3	336	59.5

COVID-19 case rate per 100,000 population in all children and youth by ESD region and age group, December 24, 2022 - January 07, 2023



COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington, December 24, 2022 - January 07, 2023

Population	Hospitalization count	Hospitalization rate
1,885,561	36	1.9

14-day COVID-19 hospitalization rate per 100,000 population in all children and youth in Washington state, January 1, 2021 to Jan 07, 2023



Methods

Definitions

Case data in this report come from the Washington State Disease Reporting System (WDRS). A 'case' is defined as an individual between the ages of 0 and 19 years who tested positive for COVID-19 during a 14-day period by either molecular test (such as PCR) or antigen tests. Most antigen tests are rapid tests and provide results in approximately 15 minutes to 1 hour.

The report includes the most recent complete 14 days of data, December 24, 2022 - January 07, 2023.

Cases are assigned to an ESD region based on the individual's home address. Children and youth with COVID-19 include all individuals living within an ESD's jurisdiction who are 0-19 years old, regardless of where they actually learn. This includes:

- students who attend a public or private school in the ESD region
- homeschooled youth
- youth who reside in a juvenile correctional facility
- all other children and youth

Please note that case rates and counts do not represent cases that occurred among students enrolled in a particular ESD or district. They represent all children and youth within the region served by an ESD or district.

An accurate home address was missing for approximately 0% of cases in children and youth with a test date between December 24, 2022 - January 07, 2023. These cases are not included in this report.

A COVID-19 hospitalization is a Washington resident who has been identified using case investigation data in WDRS or links with Rapid Health Information Network (RHINO) records as hospitalized with confirmed or probable COVID-19. Due to small numbers, to protect privacy hospitalization data are only reported at the state level.

Deaths are reported to the state by health care providers, medical examiners or coroners, local health departments, or others to the official vital records database, WHALES. COVID-19 deaths included in this report are identified in WHALES where the cause of death was confirmed or suspected to have been COVID-19. Due to small numbers, to protect privacy death data are only reported at the state level aggregated across time.

14-day rate calculation

Case rates are calculated as the total number of cases within the specified demographic (e.g. age group) and ESD region with a test date during the 14-day period divided by the Washington state population for the same region and demographic.

Hospitalization rates are calculated as the total number of hospitalizations in Washington state with a test date during the 14-day period divided by the Washington state population 0-19 years old.

All rates presented in this report use the Washington state population distribution based on the Office of Financial Management's (OFM) April 1, 2020 population estimates by age, sex, race, and Hispanic origin.